Trium®
by MITSUBISHI ELECTRIC

Getting More Out of your sirius

English

This guide describes the operation of the Trium dual band GSM/GPRS telephone Sirius
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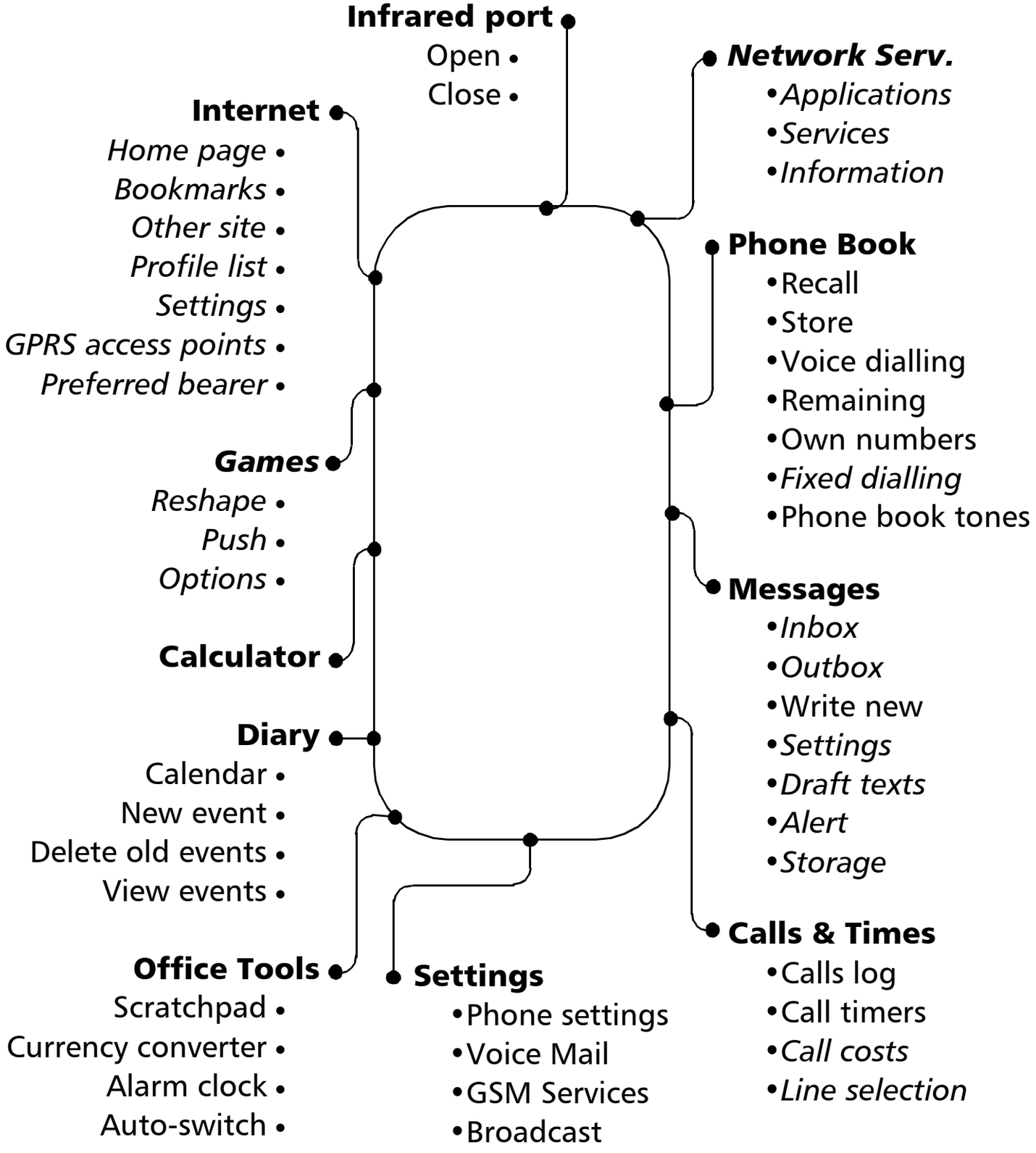
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Network services

Your network operator may provide value added services and contact phone numbers. These services and phone numbers will be stored in your SIM and if available will modify the menu of the phone to be included under the item **Network Serv.** at the beginning of the menu (contact your service provider for details).
There will be three possible ways in which an operator may present these value added services and contact phone numbers:

SIM application tool kit

An automatic way to provide services related to your network and not to your phone. These services will be SIM dependent.

SDN numbers stored in the SIM

Up to 32 numbers may be stored in the SIM which cannot be changed by the user.

Information numbers

A list or a menu to enable you to call network or information services offered by your network.

Some operators will be able to provide two of the above services on the same SIM in which case the **Network Serv.** item in the main menu will provide two menu items, **Applications** and **Services** or **Information**.

Phone Book

The phone and the SIM have areas of memory used for storing data (names, telephone numbers...) known as the phonebook.
The phone has the capacity to store up to 250 "extended" cards (called "phone phonebook cards"). These cards may contain the following information: family name, first name, icon, home phone number, work phone number, cellular phone number, fax phone number, voice dialling, address and e-mail.
The phone also supports SIM cards with up to 255 memories (called "SIM phonebook cards") but the actual number and capacity is dependent upon the SIM itself. These cards contain the following information: name, number and voice dialling.
The SIM phonebook cannot store "extended" cards.
The phone and SIM memory locations are interconnected.
Both the SIM and the phone memories are searched when the recall function is used.

Storing names and telephone numbers

Names and numbers can be stored directly in the phonebook or copied from other stored areas such as from SMS messages, scratchpad or last dialled number list, etc.
It is advisable to store numbers in international format using the '+' prefix before the country code followed by the telephone number. This will ensure that the number can be dialled from within your home country as well as abroad.
There are several ways to store numbers into the various phonebooks:

Phone phonebook

- Directly from the standby display,

1. Enter the number. Press **Store** ⊙.
2. Select **Phone names**.

- Using the menu,

1. Press ⊙. Select **Phone Book**.

❷ Select **Store**. Select **Phone names**.

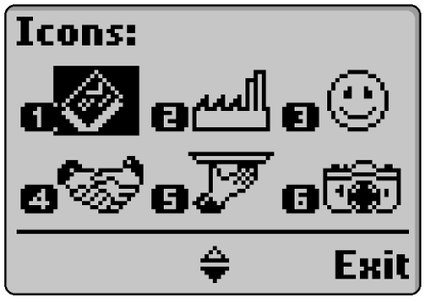
❸ A list will be displayed. You have to select the item corresponding to the number you entered: home, work, cellular or fax.

❹ The following fields will be displayed:

Field	Purpose
Family name	Family name of the card owner
First name	First name of the card owner

❺ Enter the requested data. Confirm each entry by pressing **OK** ⊙.

❻ You will then be asked to select an icon.
The icons are arranged as the ① - ⑥ keys the keypad. Press the key corresponding to the required icon.
In this example pressing ② would select .



❼ The following fields will be displayed:

Field	Purpose
Phone number (Home)	The home phone number of the owner
Phone number (Work)	The work phone number of the owner
Phone number (Cellular)	The cellular phone number of the owner
Phone number (Fax)	The fax number of the owner
E-mail	The e-mail address of the owner

❽ Enter the requested data. Confirm each entry by pressing **OK** ⊙.

❾ You will then be asked if you want to enter the address. Should you select **Yes** the following fields will be displayed:

Field	Purpose
Nr, Street	Street
P-O Box	Post office box
Postal code	Postal code
Locality	Locality name
State	State (or province)
Country	Country

❿ Enter the requested data. Confirm each entry by pressing **OK** ⊙.

⓫ You will then be asked to create a voice dialling pattern (for further details, see section *Calling phone numbers with your voice*, page 12):

Use ⌃ or ⌄ to select the number of your choice.
Press **New** ⊙ to start the voice dialling pattern recording.
You will then be asked to say the name at least twice. Pronounce the name as clearly as possible.
Should the voice patterns match **Stored** will appear in the display.
Press **Exit** ⊙. Confirmation of your entry and the remaining locations will be briefly displayed.

⓬ Press **Exit** ⊙ or ✆ to return to the standby display.

• From other stored locations,

Numbers stored in the last dialled, received, unanswered, scratchpad and SMS message locations can all be stored into the phonebook:

❶ Display a number from one of the above, press **Options** ⊙.
❷ Select **Store**. Select **Phone names**.
❸ Follow the display instructions as for point 2 in the previous item.

☑ During number and name entry a short press on Clear will clear the last character. A long press will clear the whole display.

SIM phonebook

- Directly from the standby display,

1. Enter the number. Press **Store** ⊙.
2. Select **SIM names**.

- Using the menu,

1. Press ⊙. Select **Phone Book**.
2. Select **Store**. Select **SIM names**.

3. Enter (or confirm) the number and press **OK** ⊙.
4. Enter the name (if required) and press **OK** ⊙.
5. You will then be asked to create a voice pattern (for further details, see section *Calling phone numbers with your voice*, page 12):
   Press **New** ⊙ to start the voice dialling pattern recording.
   You will then be asked to say the name at least twice. Pronounce the name as clearly as possible.
   Should the voice patterns match **Stored** will appear in the display.
   Press **Exit** ⊙. Confirmation of your entry and the remaining locations will be briefly displayed.
6. Press **Exit** ⊙ or ⊙ to return to the standby display.

- From other stored locations,

Numbers stored in the last dialled, received, unanswered, scratchpad and SMS message locations can all be stored into the phonebook:

1. Display a number from one of the above, press **Options** ⊙.
2. Select **Store**. Select **Phone names**.
3. Follow the display instructions as for point 2 in the previous item.

☑ During number and name entry a short press on Clear will clear the last character. A long press will clear the whole display.

The characters *, +, P (pause), # and _ can be stored together with numbers. If the

SIM or phone's memory is full a warning message will be displayed when selecting the phonebook.

Free space in the phonebooks

To see how many empty phonebook spaces remain in the SIM or the phone,

1. Press ◯. Select **Phone Book**.
2. Select **Remaining** and use ◯ or ◯ to display the remaining memories in the phone or SIM.
3. Press **Exit** ◯ or ◯ to return to the standby display.

☑ If available the free memories in the FDN list will also be shown.

Viewing and calling numbers in the phonebook

Phonebook entries can be recalled into the display to be edited, deleted, copied, moved or called to or from either the phone or SIM. There are two ways to view and call numbers in the phonebook:

- Directly from the standby display,

Press ◯ to display the phonebook list, then scroll to the desired number.

- Using the menu,

1. Press ◯ and select **Phone Book**.
2. Select **Recall**.
3. Either press **OK** ◯ or enter up to the first 3 initials of the name required and then press **OK** ◯.

If no initial was entered the display will show the first alphabet entry in the phonebook. The list of phonebook entries will be displayed in alphabetical order together with the telephone number and whether stored in the SIM or the phone memory.

4. Press ◯ to dial the number.

Pressing ⌃ or ⌄ will scroll through the phonebook. To go directly to another entry press the corresponding alphabet key. For example to go directly to entries starting with 'N' press 6 twice.
Pressing **Options** ● will display the following menu choices:

Item	Function
Edit	Edits the name and number entry
Delete	Deletes the entry
Send SMS	Sends an SMS message to the phone book card owner
Copy	Copies the entry to the SIM or the phone or vice versa. Editing allowed before copying
Move	Moves the entry to another position. Editing allowed before moving
Send by IrDA	Sends the card information to another mobile (see page 75)
Call	Calls the number displayed

5. Press **Exit** ● or ⌐ to return to the standby display.

Own number display

The phone can display your main 'Line 1' voice mobile number, the voice mobile number for Line 2 (Alternate Line Service) and your data and fax numbers (this is SIM dependent). These numbers, if available, are stored in the SIM. If not then they can be entered manually. Numbers can be given names. Line 1 for example can be named 'Office' etc.

To view, name and edit your own number(s),

1. Press ⌦. Select **Phone Book**.
2. Select **Own numbers**. The mobile number for Line 1 will be displayed.
3. Use ⌃ or ⌄ to view line 2, data and fax numbers.
4. To add or edit a name or number press **Edit** ●.

5. Press **Exit** or to return to the standby display.

Fixed dialling numbers (FDN)

Fixed dialling is a feature that restricts outgoing calls to 'fixed' numbers or 'prefixes' contained in SIMs that support this feature. When turned on, dialling numbers not in the FDN list will not be allowed. The maximum number of FDN numbers that can be stored is dependent upon the capacity of the SIM. Call diverting and sending SMS messages to numbers not in the FDN list will be prevented. Turning on or entering numbers into the FDN list is PIN 2 protected.

To turn on or off FDN operation,

1. Press . Select **Phone Book**.
2. Select **Fixed Dialling**. Select **Status**.
3. Select **On** or **Off**. Enter the PIN2 number.
4. Press **OK** to validate and confirm the setting.

To view the numbers in the list,

1. Press . Select **Phone Book**.
2. Select **Fixed Dialling**.
3. Select **View** and use or to view all the entries. Pressing **Options** will allow you to edit, delete and copy numbers to the phone or SIM.

To enter, edit or delete numbers in the FDN list,

1. Press . Select **Phone Book**.
2. Select **Fixed Dialling**.
3. Select **Add new**. You will be prompted to enter the PIN2 number if it has not been entered yet. It is now possible to add new numbers as well as edit, delete and copy numbers to the phone or SIM.

☑ Wild card spaces can be used with the numbers stored in the FDN list. For example the number +441707 278__9 will allow calls to all numbers between 278009 to 278999 to be dialled. The number can be edited and dialled in the standby display.

Giving your Phone Book different ring tones

To help you to identify incoming calls you can give your two Phone Books different ring tones,

1. Press ◯. Select **Phone Book**.
2. Select **Phone book tones**.
3. Select either **Phone names** or **SIM names**.
4. A list of different ring tone names will appear.
5. Use ◯ or ◯ to choose the required tone and press **Select** ◉ (pausing on each tone will allow you to hear the tone before selection).
6. Press **Exit** ◉ or ◯ to return to the standby display.

Calling phone numbers with your voice

Phone numbers can also be recalled with your voice.

To create a voice pattern for a phone number,

1. Press ◯. Select **Phone Book**.
2. Select **Voice dialling**.
3. Select **New entry**.
4. Press **Names** ◉.

   Use ◯ or ◯ to choose the required card and press **Select** ◉.
   If there are many phone numbers attached to the card you chose (e.g. **Home**, **Work** or **Cellular**) you will be asked to choose one by pressing **Select** ◉.
5. You will then be asked to say the name at least twice. Pronounce the name as clearly as possible.
   Should the voice patterns match **Stored** will appear in the display.

6. Press **Exit** or to return to the standby display.

☑ If the second or a third voice pattern does not match the first one Failed will appear in the display. If so, start the whole voice pattern creation all over again.

To view the voice dialling phone numbers list,

1. Press . Select **Phone Book**.
2. Select **Voice dialling**.
3. Select **List**.
4. Use or to view all the entries.
   Pressing **Options** will allow you to listen to the voice pattern, to remove the phone number from the voice dialling list or to create a new voice pattern.
5. Press **Exit** or to return to the standby display.

To remove all phone numbers from the voice dialling list,

1. Press . Select **Phone Book**.
2. Select **Voice dialling**.
3. Select **Delete all**.
4. Press **Exit** or to return to the standby display.

To call a phone number using a voice pattern,

1. Press and hold .
2. You will then be asked to say the name. Pronounce the name as clearly as possible.
3. The dialled number together with the animated icon will be shown in the display. When the call is connected a ringing tone will be heard in the earpiece. When answered proceed with the call in the normal manner, a call timer will be displayed during the call.

Messages

The SMS message service enables you to send or receive short text messages of up to 160 characters to or from other mobile phones provided with the same capability. The messages are not sent directly to the other mobile phone but go via a message centre provided by your network operator. You can also store, edit and forward messages as well as saving any of the numbers they may contain.

Reading a received SMS message

When the phone receives an SMS message a new SMS alert tone will sound and ✉ will be displayed. The message is automatically stored in the SIM. If ✉ is flashing there is no more space in the SIM to store messages. Delete previous messages to make space for new ones.

Press **Read** ● to read all received messages (Inbox).

Reading stored SMS messages

1. Press ▷. Select **Messages**.
2. Select **Inbox** to display the first message header.
3. Press ▷ or select **Options** ●/**Read text** to read the message text.

It is now possible to read all stored messages. Use the arrow keys to scroll between pages or between messages. Unread messages are indicated by ✉, previously read messages are shown by 🖂.

Managing received and stored SMS messages

After reading the SMS message press **Options** for the following menu:

Item	Function
Read text	Displays the remainder of the text
Delete	Deletes the message
Reply	Replies to the sender of the message
Reply (+ text)	Replies to the sender of the message with the initial text
Forward	Forwards the message to another user
Forward to n	Forwards a set of several (5 maximum) messages to 5 different addressees
Numbers	Stores or calls the number(s) contained in the SMS header or text

☑ The items of this menu may vary and are dependent upon the type of message received.

Turning on or off the message alert tone

Each time a message is received a new SMS alert tone will sound. To turn on or off this tone,

1. Press . Select **Messages**.
2. Select **Alert**. Select **On** or **Off**.
3. Press **Exit** or to return to the standby display.

Preparing the phone to send SMS messages

You can write and send text messages. Before doing so the networks message centre number (obtainable from your service provider) needs to be stored:

1. Press . Select **Messages**.

❷ Select **Settings**.

❸ Select **Message centre**.

If a number already appears it means that it was taken directly from the information stored in your SIM. If empty enter the number manually (in international format) or from a stored memory.

❹ Press **Exit** or to return to the standby display.

If required you can also choose the validity period, format, paid reply request and request a Delivery report. Default settings are assumed if not set.

Option	Description	Default
Validity Period	Time held at message center. 12 hrs, 1 day, 2 days or Maximum (defined by operator)	Maximum
Format	Selects format of message, text, voice, fax or pager	Text
Paid Reply to	Reply requested	Off
Status report to	Delivery report	Off

Creating a draft text

A set a 10 messages texts, to be defined by you and initially empty, may be used as text templates when entering messages text. Any of these texts can be of up to 50 characters, allowing common texts to be created. These messages texts are accessible when beginning writing a message. The draft texts are stored in the mobile memory.

To create a draft text,

❶ Press . Select **Messages**.

❷ Select **Draft texts**.

❸ Choose any blank template (**[...]**) and press **Edit** .

❹ Enter the draft text and press **OK** .

5. Press **Exit** or to return to the standby display.

Editing a draft text

1. Press . Select **Messages**.
2. Select **Draft texts**.
3. Select the draft text to wish to modify and press **Edit** .
4. Edit the text and press **OK** .
5. Press **Exit** or to return to the standby display.

Sending a new SMS message to one addressee

1. Press . Select **Messages**.
2. Select **Write new**.
3. You can either choose a draft text or enter the message text and press **OK** .
4. Select **Send**.
5. Choose a message template and then enter the destination number or select **Names** to choose a number from a phone-book entry.
   Press to validate your choice. Press **OK** .
   Sent confirmation will be given.
6. Select whether to store or send the same message again.
7. Press **Exit** or to return to the standby display.

Sending a new SMS message to several addressees

1. Press . Select **Messages**.
2. Select **Write new**.
3. You can either choose a draft text or enter the message text and

press **OK**.

4. Select **Multicast**.
5. Choose a message template.
   Enter up to 5 destination numbers or select **Names** to choose up to 5 numbers in the phonebook.
   Press to validate your choice. Press **OK**.
   Sent confirmation will be given.
6. Select whether to store or send the same message again.
7. Press **Exit** or to return to the standby display.

Storing a new SMS message

1. Press . Select **Messages**.
2. Select **Write new**.
3. You can either choose a draft text or enter the message text and press **OK**.
4. Select **Store**.
5. Press **Exit** or to return to the standby display.

Messages in the outbox

The outbox contains unsent draft messages, stored sent messages as well as sent but undelivered messages, identified by their headers. These messages can be selected from the outbox menu and can be modified and resent as new SMS messages in the normal way.
To select an outbox message,

1. Press . Select **Messages**.
2. Select **Outbox** and use or to scroll to the desired message. Messages will either be "transmitted" ( ) or "to be sent" ( ).

❸ Press **Options** ⊙ to read, delete, send (or re-send) to one addressee, edit a sent message and send (or re-send) to several addressees.

❹ Follow the instructions displayed on the screen.

Status request on outbox messages

If the status is requested on a delivered message the date and time of delivery may be shown. If the status is requested on a sent message a status request will be sent to the network (must be network supported). The network will answer by sending a status report (SR) back to the phone which can be acknowledged by pressing **OK** ⊙.

To action a status request on outbox messages,

❶ Press **Options** ⊙. The following menu will be displayed:

Item	Action
Delete message	Deletes the corresponding sent SMS message and the status report
Clear	To acknowledge the status report and clear the display
Associated message	Displays the corresponding sent SMS message
Send again	Sends again the same message

❷ Select the action required and press **OK** ⊙.

Re-usable message templates

If your network operator provide SIMs that allow users to store pre-programmed message templates, then **Msg templates** will appear in the **Messages** - **Settings** menu. Templates are sets of pre-programmed settings to be used when sending messages. Each of these templates can be

given a name for easy identification and can be selected and used whenever required.
To create a message template,

1. Press ▷. Select **Messages**. Select **Settings**.
2. Select **Msg templates**. Choose any blank template (**[...]**).
3. The display will prompt you to enter the template Name, Msg Centre number, Validity period and Format.

Default settings for pay reply and status are assumed 'off' unless set. If only one template is set it is automatically used by default. If more than one template is programmed any one can be selected for use when writing new messages.

Storage consumption

The storage usage for SMS messages can be consulted.
To know the number of messages stored and the total space available,

1. Press ▷. Select **Messages**.
2. Select **Storage**.
3. Use △ or ▽ to view all the SMS storage information (**SMS storage**, **SMS outbox** and **SMS inbox**).
4. Press **Exit** ◉ or ↩ to return to the standby display.

Calls & Times

Details of the incoming and outgoing calls as well as the time duration of the last and accumulated total of all calls made are stored by the phone under the **Calls & Times** menu.

Calls log

This feature stores details (identity, time and date and call duration) of the last 10 numbers dialled, the last 10 received unanswered calls and the last 10 received calls. The call logs are common for both Line 1 and Line 2.

1. Press ▷. Select **Calls & Times**.
2. Select **Calls Log**.
3. Select **Last dial**, **Unanswered** or **Received**.
4. Use △ or ▽ to scroll through the call lists.

The last number dialled or received is displayed first. For unanswered and received calls if the calling parties number is known it will be shown otherwise **Unknown number** will be displayed.
Pressing ✆ on a highlighted number will call that number.
Pressing **Options** ● will give access to the following menu:

Item	Action
Store	Stores the number into phonebook
Delete	Deletes the entry
Delete all	Deletes all the entries
Edit	Edits the displayed number
Details	Views the details - name, number, time and date and call duration of the highlighted number
Call	Makes a call to the number
Send SMS	Sends an SMS message to the corresponding phone number

Use ⌃ or ⌄ to select the required option and follow the display prompts.
Press **Exit** ● or ↩ to return to the standby display.

☑ In the standby display 'One Touch' access for the 10 last dialled calls is available by pressing ✆.

Call times

The duration time of the last call, total accumulated time of all calls and total time for Line 1 and Line 2 are stored.
Times for calls made and received through the subscription network and through other (national and international) networks are displayed under the **Details** ● sub-menu.

1. Press ▷. Select **Calls & Times**.
2. Select **Call timers**.
3. Select **Show**.
4. If the call timers have been reset (see Call timer - reset, page 24) the date of the last reset of the counters will briefly be displayed.
   Use ⌃ or ⌄ to view all the timer information.

The call type and the accumulated times of outgoing and incoming calls will be displayed.

Pressing **Details** ● will display details of roaming and international calls etc.
Press ◁ or **Exit** ● to return to the previous display.

Press **Exit** or to return to the standby display.

☑ If Line 2 is subscribed too 'All Calls' for Line 1 and Line 2 will be displayed separately.

Balance information (subscription service only)

This is a subscription service provided by some networks and enables you to ask for your remaining airtime balance. This information is sent by the network.

Contact your service provider on availability and details.

1. Press . Select **Calls & Times**.
2. Select **Call timers**.
3. Select **Balance information**.
4. Select **Call** or **Set number**.

If **Call** is selected and the balance information number has already been entered a call will be made to the balance information centre. If a number has not been entered select **Set number** and enter the number. Press **OK** to store your number or to store and call the information centre number.

5. Press when the call is completed.

Reminder - Call duration

A call duration reminder beeps to remind you of the duration of a call. It can be set in multiples of 1 minute (1 - 59 mins) intervals.

1. Press . Select **Calls & Times**.
2. Select **Call timers**.
3. Select **Reminder**.
4. Select **On** (or **Off**).
5. Select the period (between 1 and 59 mins).

6. Press **OK** to validate the entry. Press **Exit** or to return to the standby display.

Call timer - reset

This feature enables you to reset all the call timers. You will need the 4 digit lock code to operate this feature.

1. Press . Select **Calls & Times**.
2. Select **Call timers**.
3. Select **Reset**.
4. Select **Yes** or **No**.
5. Enter the phone lock code and press **OK**. The action will be confirmed.
6. Press **Exit** or to return to the standby display.

Call costs - management (subscription service only)

Some networks offer an Advice of Charge (AoC) subscription service in which it is possible to see the cost of the last call made, the accumulated total cost of all calls and the remaining balance in units or currency of any 'cost limit' set by the user.

To display these costs in the currency of your choice you must first select the currency and cost per unit otherwise call costs in units will be displayed.

To set currency and cost per unit,

1. Press . Select **Calls & Times**.
2. Select **Call costs**.
3. Select **Display cost type**.

4. Select **Currency**. The present currency settings will be displayed.
5. Press **Edit**. Enter the PIN 2 code and press **OK**.
6. Enter the abbreviated letters of the currency. Press **OK** to validate.
7. Enter the cost per unit in the selected currency.
   Press **OK** to validate.
   The display will confirm your selection.
8. Press **Exit** or to return to the standby display.

To set call cost type to units,

1. Press . Select **Calls & Times**.
2. Select **Call costs**.
3. Select **Display cost type**.
4. Select **Units**.
5. Press **Exit** or to return to the standby display.

☑ When the cost type is set to units the credit limit and the remaining credit are shown in units.

Setting the credit limit - in units or currency

After setting the currency and cost per unit, if required and available on your subscription, you are also able to set a credit limit in units or an amount in the currency of your choice. When the credit limit is reached the phone will be prevented from making and receiving all chargeable calls. This will not prevent the phone from making emergency calls.

1. Press . Select **Calls & Times**.
2. Select **Call costs**.

3. Select **Credit Limit**. The display will show the present credit limit setting.
4. Press **Edit**. Enter the PIN 2 code and press **OK**.
5. Enter the credit limit (use # to enter a decimal point). Press **OK** to validate.
6. Press **Exit** or to return to the standby display.

☑ When a credit limit is entered the selection from the 'Credit Limit' display will be Edit or Set No Limit.

Show costs

1. Press . Select **Calls & Times**.
2. Select **Call costs**.
3. Select **Show**.
4. Use or to display the cost of the **Last Call**, **All Calls** and the **Remaining credits**.
5. Press **Exit** or to return to the standby display.

☑ The remaining credit is shown in either units or currency as set by Cost Type menu above.

Call costs - resetting all costs to zero

To reset all the call costs to zero,

1. Press . Select **Calls & Times**.
2. Select **Call costs**.
3. Select **Reset**.
4. Select **Yes** to reset the costs or **No** to exit.
   If **Yes** is selected, enter the PIN 2 number and press **OK**. **All Costs Reset** will briefly be displayed.

❺ Press **Exit** or to return to the standby display.

Alternate line service - selecting line 2 (subscription service)

Some GSM 1800 operators support the use of a second line which can be made available to existing users. This is normally a subscription service and allows, for example, the separation of incoming and outgoing calls for business or private use. The second line will have its own mobile number. To select the line for outgoing calls,

❶ Press . Select **Calls & Times**.

❷ Select **Line selection**.
The current line selection will be displayed.

❸ Use or to scroll to the line required and press **Select** or to validate your choice.

❹ Press **Exit** or to return to the standby display.

☑ Names can be given to Line 1 (Office) and Line 2 (Home) for example. Refer to the Own Number menu see page 34 for details. Whichever line is selected to make outgoing calls, incoming calls are still able to be received on either line.

Settings

Phone settings

Keypad lock

When keypad lock is turned on it prevents accidental operation of the keys and access into the menus. The key tones are also silenced. Keypad lock is suspended during incoming calls and resumed when the call is terminated. Emergency calls can still be made. If a key is pressed the display will give a reminder that keypad lock is on.
To turn the keypad lock on and off,

1. Press ▷. Select **Settings**.
2. Select **Phone settings**. Select **Keypad lock** to turn keypad lock on.
3. To unlock the keypad, press and hold down ▽ or open the flip (if it is closed).

☑ Keypad lock is cancelled when connected to the handsfree car kit.

Language selection

All the display messages can be shown in several languages.
To select the language of your choice,

1. Press ▷. Select **Settings**.
2. Select **Phone settings**. Select **Language**.
3. Use △ or ▽ to select a language from the displayed list.
   Press ▷ to validate.
4. Press **Exit** ● or ⌐ to return to the standby display.

☑ To reset the phone to the language of the SIM enter *#0000#.
To reset the phone language to English enter *#0044#.

Alert mode

To avoid disturbing others you can turn off the audible incoming ring tone as well as all alert and alarm tones.

☑ If either of the 'Vibrate' or 'Vibrate then ring' options are chosen all the alert and alarm tones are replaced by the vibrating action.

To modify the alert mode,

1. Press ◯. Select **Settings**.
2. Select **Phone settings**. Select **Tones**.
3. Select **Alert tones**.
4. Select **Ring**, **Silent**, **Vibrate**, **Vibrate & ring** or **Vibrate then ring** to validate your choice.
5. Press **Exit** ● or ⌒ to return to the standby display.

☑ If Ring is selected but the ring tone volume has been set to off, the 🔕 icon will appear in the display.
The ring tone volume off setting is not saved when the phone is turned off.
When the phone is connected to either the Desk Top Charger, HF kit, CLA or AC adaptor the vibrator mode selection is temporarily inhibited and the phone will ring instead.

Ring tone selection

You can choose the sound of the incoming ring tone from a selection of 20 ring tone melodies stored in the phone.
To hear your chosen ring tone melody, wait several seconds before confirming your choice. The melody will be played.
Ring tone selection is made through the **Settings** menu:

1. Press ◯. Select **Settings**.
2. Select **Phone settings**. Select **Tones**.
3. Select **Melodies**.
4. To help you identify incoming calls you can give the **Standard/ Line 1**, **Phone names**, **SIM names** and **Line 2** (network

dependent) calls as well as the **Alarm** different ring tones.

Use ⌃ or ⌄ to highlight the required call type and press ▷ to select it.

4. Use ⌃ or ⌄ to listen to the different ring tones. Press ▷ to select the current tone.
5. Press **Exit** ● or ↩ to return to the standby display.

Volume adjustments

The volume levels of the ring tone, key tones, alarm tones (alarm clock and low battery alarm) and the incoming audio can all be individually adjusted from the standby display by pressing ⌃ or in the **Settings** menu:

1. Press ▷. Select **Settings**.
2. Select **Phone settings**. Select **Tones**.
3. Select **Volume**.
4. Select **Ring**, **Keys**, **Conversation** or **Alarm**.

The display will confirm the selection naming the volume to be adjusted.

5. Use ▲ or ▼ to adjust the setting.
6. Press **OK** ● to validate the setting.
7. Press **Exit** ● or ↩ to return to the standby display.

During a call, you can adjust the conversation volume by using ⌃

or ⌄.

☑ If the ring tone volume level is set to Off the 🔕 warning icon will appear in the display.

Ramping

Ramping is a feature that when turned on will cause the incoming ring tone to gradually increase to the maximum volume level if the call is not answered after the first ring.

1. Press ⌄. Select **Settings**.
2. Select **Phone settings**. Select **Tones**.
3. Select **Volume**.
4. Select **Ramping**.
5. Select **On** or **Off**.
6. Press **Exit** ● or ⌒ to return to the standby display.

☑ When turned on the volume of the incoming ring tone will start from the minimum and rise to the maximum volume until answered.

Backlight - setting

The backlight can be adjusted to suit the surrounding light conditions. To modify the backlight,

1. Press ⌄. Select **Settings**.
2. Select **Phone settings**. Select **Display**.
3. Select **Backlight**.
4. Adjust the backlight using ⌃ or ⌄.
5. Press **OK** ● to validate the setting.
6. Press **Exit** ● or ⌒ to return to the standby display.

☑ When the phone is connected to either the Desk Top Charger, HF Car Kit, CLA or the AC Adaptor the backlight is always on.

Display contrast

The contrast of the display can be adjusted to suit the surrounding light conditions.

To modify the display contrast,

1. Press ▷. Select **Settings**.
2. Select **Phone settings**. Select **Display**.
3. Select **Contrast**.
4. Adjust the contrast using △ or ▽.
5. Press **OK** ● to validate the setting.
6. Press **Exit** ● or ⌐ to return to the standby display.

Menu graphics

You can also personalise your phone thanks to a set of menu images. Selecting an item immediately changes the phone graphics: main menu images, sprites and icons.

To change the menu graphics,

1. Press ▷. Select **Settings**.
2. Select **Phone settings**. Select **Menu graphics**.
3. Use △ or ▽ to scroll to the sets of menu graphics and press **Select** ● or ▷ to validate your choice.
4. Press **Exit** ● or ⌐ to return to the standby display.

Any key answer

This feature enables any key (except ⌐ and **No ring** ●) to be pressed to answer an incoming call.

1. Press ▷. Select **Settings**.
2. Select **Phone settings**. Select **Keys**.

3. Select **Any key answer**.
4. Select **On** or **Off**.
5. Press **Exit** or to return to the standby display.

Softkeys - programming the softkeys (operator dependent)

The function of the softkeys can be changed to suit the user. The options available are shown in the menu during selection.

To program a softkey,

1. Press . Select **Settings**.
2. Select **Phone settings**. Select **Keys**.
3. Select **Softkeys functions**.
4. Select **Left softkey** or **Right softkey**.
5. Press **Select** on the softkey option of your choice.
6. Press **Exit** or to return to the standby display.

☑ (.....) in the display means that a previously SIM dependent or subscription service assigned to that softkey is no longer available. For example Line 2 selection.

Speed dialling

Phonebook numbers can be assigned to keys 2 - 9 which when held down will dial those numbers. 1 is reserved exclusively for the voice mail number and is assigned automatically when the voice mail number is stored (see Voice mail, page 40).

Numbers stored in the SIM and in the phone (fixed dialling numbers excepted) can be selected.

To assign phonebook numbers to the speed dialling keys,

1. Press . Select **Settings**.
2. Select **Phone settings**. Select **Keys**.
3. Select **Speed Dial**.

4. Use ▲ or ▼ to scroll to the next key.
5. Select **Names** ● to choose the phonebook entry and press ▷ to validate your choice.
6. Press **Exit** ● or ⌐ to return to the standby display.

☑ If a number which has been assigned to a speed dial key is deleted from the phonebook the corresponding number is automatically deleted from the speed dial key.

Auto answer

This feature only works when the phone is connected to a handsfree car kit or headset and enables the phone to automatically answer an incoming call after approximately 5 seconds without having to press any keys.

1. Press ▷. Select **Settings**.
2. Select **Phone settings**. Select **Auto features**.
3. Select **Auto-answer**.
4. Select **On** or **Off**.
5. Press **Exit** ● or ⌐ to return to the standby display.

Auto retry

This feature enables the phone to automatically redial the number of a failed call, due to a system busy or unavailable signal from the network, for up to 10 times after which it will stop.

1. Press ▷. Select **Settings**.
2. Select **Phone settings**. Select **Auto features**.
3. Select **Auto-retry**.
4. Select **On** or **Off**.
5. Press **Exit** ● or ⌐ to return to the standby display.

When activated, **Auto-retry** and a countdown timer to the next call attempt will appear in the display. An auto-retry warning tone will sound each time a new call attempt is made.
If the automatic redialling is successful proceed with the call as normal. Pressing **Exit** or any key during the retrying process will cancel auto-retry and end the dialling process for that call.

Active flip

This feature allows you to switch the backlight on, to unlock the keypad (if locked), to accept or reject incoming calls, to end calls.
To activate or deactivate this feature,

1. Press . Select **Settings**.
2. Select **Phone settings**. Select **Auto features**.
3. Select **Active flip**.
4. Select **On** or **Off**.
5. Press **Exit** or to return to the standby display.

Security features

The security features described in this section protects your phone from unauthorised use.
When requested, enter the code, which appear as asterisks (*) and press **OK** .
If you make a mistake press **Clear** and enter the correct digit(s).

☑ Avoid using codes similar to emergency numbers such as 999 or 112 to prevent accidental dialling of these numbers.

KEEP A RECORD OF YOUR CODES AND KEEP THEM IN A SAFE PLACE. FAILURE TO DO SO WILL CAUSE YOU CONSIDERABLE INCONVENIENCE.

Phone lock code

A phone lock code is supplied with the phone for security purposes. It prevents unauthorised access to the phone and to the WAP™ settings. The factory setting is **0000**. We suggest that you reset this code and keep it in a safe place, separate from the phone.

The phone lock code is also required to reset the call timers. When enabled the code will be asked for each time the phone is turned on.

To change the phone lock code,

1. Press ◯▷. Select **Settings**.
2. Select **Phone settings**. Select **Security**.
3. Select **Phone lock**.
4. Select **Change code** and follow the display prompts.
5. Press **OK** ◉ to validate the new code.
6. Press **Exit** ◉ or ◠ to return to the standby display.

To turn on or off the phone lock code,

1. Press ◯▷. Select **Settings**.
2. Select **Phone settings**. Select **Security**.
3. Select **Phone lock**.
4. Select **On** or **Off**.
5. The phone lock code will be requested to authorise your selection.
6. Press **Exit** ◉ or ◠ to return to the standby display.

☑ When phone lock is on emergency calls can still be made.

PIN code

Your SIM is provided with a 4-8 digit PIN code to protect it from unauthorised usage. When enabled the PIN code will be asked for each time the phone is turned on. If you enter the wrong PIN code three

times in succession your SIM card will be blocked and you will need the 8 digit PUK code from your service provider (see page 38).
To turn on and off the PIN,

1. Press ◯. Select **Settings**.
2. Select **Phone settings**. Select **Security**.
   If already off, **PIN enable** will be shown.
   If already on, **PIN disable** and **PIN change** will be shown.
3. Press **Select** ⊙ and follow the display prompts.
4. Press **OK** ⊙ to validate your entry.
   PIN enabled or **PIN disabled** briefly displayed will confirm your action.
5. Press **Exit** ⊙ or ⌒ to return to the standby display.

To change the PIN code (PIN must first be enabled),

1. Press ◯. Select **Settings**.
2. Select **Phone settings**. Select **Security**.
3. Select **PIN change** and follow the display prompts.
4. Press **OK** ⊙ to validate your new PIN. Confirmation will be displayed.
5. Press **Exit** ⊙ or ⌒ to return to the standby display.

PIN2 code

The PIN2 code prevents unauthorised access to some features of the phone such as turning on or off FDN operations, modifying the FDN phonebook, setting calls costs to zero, modifying the costs display features. It can be changed but not turned on or off.
To change the PIN2 code,

1. Press ◯. Select **Settings**.
2. Select **Phone settings**. Select **Security**.

❸ Select **PIN2 change** and follow the display prompts.
❹ Press **OK** ● to validate your new PIN2 code.
❺ Press **Exit** ● or ⌒ to return to the standby display.

PUK code

The PUK (PIN unblock key) is an 8 digit code supplied by your service provider. It is used to 'unblock' a PIN whose code has been entered incorrectly three times. A PUK code cannot be changed.
When requested enter the PUK code and press **OK** ●. You will then be asked to enter a new PIN code. Follow the display prompts to reset the PIN code.

☑ If you enter the wrong PUK code 10 times in succession your SIM card cannot be used again. Contact your service provider for a new card.

PUK2 code

The PUK2 is an 8 digit code supplied by your service provider. It is used to unblock a PIN2 whose code has been entered incorrectly three times. A PUK2 code cannot be changed. When requested enter the PUK2 code. You will then be asked to enter a new PIN2 code. Follow the display prompts to reset the PIN2.

☑ If you enter the wrong PUK2 code 10 times in succession you will be unable to use the features requiring the PIN2 code. Contact your service provider for a new card.

Call barring password

The call barring password is used to select the call barring levels outlined in the **GSM Services** - **Call barring** menu (see page 48). It is obtained from your service provider.
Please refer to page 49 to change the password.

Summary of code/password entry chart

Password	Length	Number of tries allowed	If blocked or forgotten
Unlock code	4 digits	Unlimited	Return phone to manufacturer
PIN	4-8 digits	3 tries	Unblocked by use of PUK code
PIN2	4-8 digits	3 tries	Unblocked by use of PUK2
PUK	8 digits	10 tries	Contact your service provider
PUK2	8 digits	10 tries	Contact your service provider
Call barring password	4 digits	Network determined	Contact your service provider

Time & Date setting

To set either the current time and/or date:

1. Press ◯▷. Select **Settings**.
2. Select **Phone settings**. Select **Time & date**.
3. Select **Set time** or **Set date**.
4. Enter the time (in 24 hour format) or date in the format shown. (If required use ◁◯ and ◯▷)
5. Press **OK** ● to validate your selection.
6. Press **Exit** ● or ⌒ to return to the standby display.

☑ 1. An error message is displayed if a wrong entry is made.
2. The time/date is permantly displayed whilst the phone is on. The year is not shown.
3. An internal battery is provided inside the phone to maintain the date and time setting for up to 3 hours when the phone is switched off and without a battery, or with a completely discharged

battery attached. After this 3 hour period you may need to reset the clock when you again switch on the phone.

Default (factory) settings

Use the **Settings** menu to return the phone settings back to the factory settings. This has no effect on the phonebook entries or phone lock code.

1. Press ⊙. Select **Settings**.
2. Select **Phone settings**. Select **Default settings**.
3. Select **Yes** or **No**.
4. Press **Exit** ⊙ or ⌒ to return to the standby display.

The following are the factory default settings:

Feature	Factory setting
Alert Tones	Ring
Ring Tones	Trium
Volumes, **Ring**, **Key**, **Speech** and **Alarm**.	Mid values
Backlight and **Contrast**	On for 10 sec. and mid value
Any Key, **Auto-Retry** and **Auto Answer** features.	Off
Ramping	Off
Menu graphics	Trium

Voice mail

Your network provider may offer a voice mail service which operates like an answering machine. Contact your service provider for details.

Storing a voice mail centre number

If your SIM does not automatically include the voice mail centre number it will have to be manually stored:

1. Press ⊙. Select **Settings**.
2. Select **Voice Mail**.
3. Select **Number**. When prompted enter the number manually or from a stored memory.
4. Press **OK** ● to validate your entry.
5. Press **Exit** ● or ⌒ to return to the standby display.

☑ If you subscribe to the 'Line 2' service the voice mail centre number will need to be stored separately for that line. The voice mail number is automatically assigned to speed dial location number 1 (see Speed dialling on page 33).

Turning on/off the voice mail alert tone

If you wish a tone to sound alerting you of the receipt of a voice mail message,

1. Press ⊙. Select **Settings**.
2. Select **Voice Mail**.
3. Select **Alert**. Select **On** or **Off**.
4. Press **Exit** ● or ⌒ to return to the standby display.

Calling the voice mail centre to check for messages

There are two ways:

- To dial the voice mail centre directly after the receipt of a message,

  Press and hold down 1.

- Alternatively,

1. Press ⊙. Select **Settings**.
2. Select **Voice Mail**.

❸ Select **Call**.

Dialling will proceed as for a normal call.

☑ If a voice mail number has not been stored when Call is selected you will be asked to enter the voice mail number. Proceed as described in Storing a voice mail centre number, page 41.

GSM services

Diverting incoming calls (network service)

Call diverting is a service which diverts incoming calls, whether voice, fax or data, to another number.

To turn on a call divert,

❶ Press ▷. Select **Settings**.

❷ Select **GSM Services**. Select **Call diverting** for the following menu:

Divert options	Action
Always	Diverts all incoming voice calls unconditionally
When not reachable	Diverts all voice calls when the phone cannot be reached, i.e. out of service
On no reply	Diverts all voice calls when the phone does not answer
When busy	Diverts all voice calls when the phone is busy
All conditions	Diverts all voice calls when Not Reachable, No Reply and When Busy
Cancel all	Cancels all diverts
All FAX calls	Diverts unconditionally all incoming fax calls
All DATA calls	Diverts unconditionally all incoming data calls

❸ Use △ or ▽ to select the divert condition and validate by pressing **Select** ● or ▷.

4. Select **Activate**.
5. Use ⌃ or ⌄ to choose between **Voice Mail**, **Names** or **Number**.
6. Press **Select** ● or ▷ to validate your selection.
   The display will confirm your request.
7. Press **Exit** ● or ↩ to return to the standby display.

☑ 1. If the 'On no reply' option is selected you will be requested to enter a delay period of 5, 15 or 30 seconds.
2. Call diverts for both Line 1 and Line 2 must be set for each line. During call divert programming, only the line currently selected is affected by the call divert selected. To carry out a call divert on the other line you must select this other line first (menu Calls & Times - Line selection).

To turn off or check the status of call divert,

1. Press ▷. Select **Settings**.
2. Select **GSM Services**. Select **Call diverting**.
3. Select from the divert options and press ▷.
4. Select **Cancel** or **Status**.
   Your selection will be confirmed.
5. Press **Exit** ● or ↩ to return to the standby display.

To cancel all (multiple) diverts,

1. Press ▷. Select **Settings**.
2. Select **GSM Services**. Select **Call diverting**.
3. Select **Cancel all**.
   Confirmation will be displayed.
4. Press **Exit** ● or ↩ to return to the standby display.

☑ This action cancels all voice diverts (for voice, faxes and data calls) for the line currently in use. To cancel call diverts for the other line you must select this other line first (menu Calls & Times - Line selection).

Caller Line Identity - showing/hiding your mobile number (network dependent)

Most networks allow the Caller Line Identity feature (CLI) i.e. the feature which shows the incoming number (ID) while receiving a call. Selecting **Receiving caller ID** will allow you to check the availability of such a feature.

Receiving caller ID

This feature enables you to find out whether a network presents the ID of incoming calls.

1. Press ◯▷. Select **Settings**.
2. Select **GSM Services**. Select **Receiving caller ID**.
   The network will return either **Presentation available** or **Presentation unavailable**.
3. Press **Exit** ⊙ or ⌒ to return to the standby display.

On networks which allow caller line identity you can disable the sending of your own number, on a call by call basis, by adding #31# before the number you are calling. Alternatively you can ask your service operator to always disable the sending of your mobile number. In this case if you wish to reveal your number, on a call by call basis, you can do so by adding *31# before the number you wish to call.

Standard network setting

To reset the standard network setting for sending your mobile ID,

1. Press ◯▷. Select **Settings**.
2. Select **GSM Services**. Select **Sending my ID**.
3. Select **My settings**.
4. Select **Preset**. The phone will reset to the network setting agreed with your service provider.

5. Press **Exit** or to return to the standby display.

Hiding or showing your number

1. Press . Select **Settings**.
2. Select **GSM Services**. Select **Sending my ID**.
3. Select **My settings**.
4. Select **Hide my ID** or **Show my ID**.
5. Press **Exit** or to return to the standby display.

Finding out your current ID setting

1. Press . Select **Settings**.
2. Select **GSM Services**. Select **Sending my ID**.
3. Select **Status**.
   The phone will display your current setting taking into account both network and phone settings.
4. Press **Exit** or to return to the standby display.

Mode of operation

This setting allows mobile operations to be the following: **Standard** or **Modem**.

- Standard mode

In this mode the mobile has the behaviour of a class B mobile: it tries to attach to GSM and GPRS networks. If the mobile succeeds attaching a GPRS network, will appear in the standby display. In this mode the mobile can send and receive voice calls and packet data calls.

To set the mode of operations to **Standard**,

1. Press . Select **Settings**.
2. Select **GSM Services**. Select **Mode of operation**.

❸ Select **Standard**.
❹ Press **Exit** or to return to the standby display.

• Modem mode

In this mode the mobile has the behaviour of a class C mobile: it tries to attach to GPRS networks only (and not to GSM networks).
It can only receive packets data calls and voice calls are barred. This behaviour is the same whatever are the network capabilities.
However if the GPRS services are lost, the mobile automatically returns to the Standard mode of operations.
To set the mode of operations to **Modem**,

❶ Press . Select **Settings**.
❷ Select **GSM Services**. Select **Mode of operation**.
❸ Select **Modem**.
❹ Press **Exit** or to return to the standby display.

Network

When the phone is turned on, it automatically searches for the last network it was registered on (usually the home network). If this is not available, the phone will automatically search and select a network from the preferred network list contained in the SIM.

Editing the preferred list

The phone contains a list of networks which can be selected and transferred to the preferred networks list stored in the SIM.
This list can be changed to suite your travel arrangements.
The order and name of the networks in the preferred networks list can be changed and edited.

❶ Press . Select **Settings**.

2. Select **GSM Services**. Select **Network**.
3. Select **Preferred list**. A list of networks will be displayed.
4. Use ◯ or ◯ to view the list.
5. Press **Options** ◯ to change it. The following items are displayed:

Option	Description
Modify by list	Displays the general list of all known networks contained in the phone in alphabetical order
Modify by code	Edits or enters a network number (MCC MNC) if you know this information.
Delete	Deletes an entry

6. Press **Select** ◯ to confirm the selection.
7. Press **Exit** ◯ or ◯ to return to the standby display.

Your SIM may contain a forbidden list of networks which cannot be used. To view the forbidden list or show the home network,

1. Press ◯. Select **Settings**.
2. Select **GSM Services**. Select **Network**.
3. Select either **Forbidden** or **Home network**.
   A list of the forbidden networks or the home network will be displayed.
4. Press **Exit** ◯ or ◯ to return to the standby display.

Selecting manual search

There may occasions when you wish to select a specific network, which has better coverage in your current location for example.

1. Press ◯. Select **Settings**.
2. Select **GSM Services**. Select **Network**.

3. Select **Search**.
4. Select **Manual**. A confirmation screen and **Scanning for networks...** will be displayed.
5. Use ▲ or ▼ to select a network from the list shown.
6. Press ▷ to confirm the selection.
   Requesting... followed by the name of the network will be shown after which the phone will return to the standby display.

☑ You cannot delete a network from the forbidden list. This list will be automatically updated when the manual network selection is performed.

Selecting automatic search (normal default setting)

To perform an automatic search from the preferred list proceed as follows:

1. Press ▷. Select **Settings**.
2. Select **GSM Services**. Select **Network**.
3. Select **Search**.
4. Select **Automatic**.
5. Press **Exit** ● or ⌒ to return to the standby display.

Call barring (network service)

This is a network service which allows you to stop different types of calls being made and received on the phone.
It requires the use of a network barring password available only from your service provider.
To put on a call bar,

1. Press ▷. Select **Settings**.
2. Select **GSM Services**. Select **Call barring**.

❸ Select **Outgoing calls** or **Incoming calls**. Choose from the following:

Select		Meaning
Outgoing	**- All outgoing**	All outgoing calls will be barred
	- Int'nal calls	All outgoing international calls only will be barred
	- Int'nal excl. home	All outgoing international calls except to other subscribers within the users home network
Incoming	**- All incoming**	All incoming calls will be barred
	- Roaming only	All incoming calls when not on the home network

❹ Select the option using ⌃ or ⌄. Press **Select** ⦿.

❺ Select **Activate**. Enter the password and press **OK** ⦿.
The network will confirm the selection.

❻ Press **Exit** ⦿ or ✆ to return to the standby display.

To take off or check the status of a call bar,

❶ Press ▷. Select **Settings**.

❷ Select **GSM Services**. Select **Call barring**.

❸ Use ⌃ or ⌄ to select the bar to be taken off (Cancel) or check the Status and press ▷.
If choosing to take off a call bar the password will be required.

❹ Press **Exit** ⦿ or ✆ to return to the standby display.

To change the password,

❶ Press ▷. Select **Settings**.

❷ Select **GSM Services**. Select **Call barring**.

❸ Select **Change password**.
The old password will be requested followed by two requests to enter the new password. Confirmation will be displayed.

❹ Press **Exit** or to return to the standby display.

Broadcast - cell broadcast (CB) messages

These are messages broadcast by the networks to all GSM users and may provide general information about local area dialling codes, weather reports and traffic news etc. Each type of message is numbered enabling you to select the type of information you want to receive. Up to 5 different types of messages can be programmed into your selection list but only one can be displayed at any one time. There are 16 standard message types pre-programmed into the phone to select from. New message types can be programmed into the selection list using the 3 digit cell broadcast type number. Contact your service provider for details on the number and types of messages broadcast.
Before you can turn on the broadcast service you have to put at least one message type into the selection list.

To enter a message type in the selection list

Up to 5 message types can be entered into the selection list.

❶ Press . Select **Settings**.

❷ Select **Broadcast**.

❸ Select **Message types**. Press **Options** .

❹ Select **Modify by list** (or **Modify by code** if type number is known).

❺ Scroll to the message type required. Press **Select** to validate your selection. The display will confirm your choice.

❻ Press **Options** again to select more message types from the list, enter a message type number if known or delete a message type.

❼ Press **Exit** or to return to the standby display.

To turn on or off the broadcast service

❶ Press . Select **Settings**.
❷ Select **Broadcast**.
❸ Select **On/Off**.
❹ Select **On** or **Off**.
❺ Press **Exit** or to return to the standby display.

Reading broadcast messages

Broadcast messages are shown in the standby display only and are suppressed during conversation or menu operation. A message can be up to 93 characters in length and cover several pages. Pages will automatically change approximately every five seconds or by a press on .

Options during message display

A press on **Exit** will clear the CB currently displayed.
Pressing will dial the number shown in the display within the message.
Pressing **Options** will display the following menu:

Option	Action
Delete	Delete the current message
Delete All	Deletes all messages stored in the queue
Numbers	Displays all phone numbers found in the message text and allows to dial or store them in the scratchpad if required
Broadcast Off	Turns off cell broadcast

To turn on or off the alert tone

If required an alert tone can be turned on to 'beep' every time a new or updated broadcast message is received.

1. Press ▷. Select **Settings**.
2. Select **Broadcast**.
3. Select **Alert**.
4. Select **On** or **Off**.
5. Press **Exit** or ↩ to return to the standby display.

To delete or edit a message from the list

Message types put into the selection list can be deleted and changed.

1. Press ▷. Select **Settings**.
2. Select **Broadcast**.
3. Select **Message types**. Press **Options**.
4. Select **Modify by list**, **Modify by code** or **Delete**.
5. Press **Exit** or ↩ to return to the standby display.

Broadcast language

All the broadcast messages can be shown in several languages.
To select the language of your choice,

1. Press ▷. Select **Settings**.
2. Select **Broadcast**.
3. Select **Language**.
4. Use △ or ▽ to select a language from the displayed list. Press ▷ to validate.
5. Press **Exit** or ↩ to return to the standby display.

Office Tools

The **Office Tools** menu contains a scratchpad, a currency-converter, an alarm clock and an auto-switch feature.

Scratchpad

Up to 10 separate entries of 16 characters can be stored in the scratchpad.

1. Press ▷. Select **Office Tools**.
2. Select **Scratchpad**.
3. Select **Read**. Use △ or ▽ to scroll through the entries.
   Select **Write** to make a new scratchpad entry.

Pressing **Options** ● when reading entries will give access to the following menu:

Item	Action
Store	To save a number to the phonebook
Edit	Modifies an entry
Delete	Deletes an entry
Delete all	Deletes all entries
Call	Calls the number displayed in the entry

Currency-converter

This useful feature converts currencies. However to use the converter the currencies and the exchange rate have first to be set up. The conversion is calculated on the per unit exchange rate of the second currency selected.

To select the currencies and the exchange rate,

1. Press ▷. Select **Office Tools**.
2. Select **Currency converter**.
3. Select **Settings**.

4. Enter the first currency name (e.g. Dollar). Press **OK**.
   Enter the second currency name (e.g. Yen). Press **OK**.
5. Enter the exchange rate using # to enter a comma.
   Press **OK** to validate the entry.
6. Press **Exit** or to return to the standby display.

☑ If you wish to use your Currency-converter as a Euro converter for participating currencies to the European Monetary Union ("Euroland currencies"), please enter the complete Euro exchange rate with six significant figures. For example: 1 Euro = £ 0.61871.

To calculate the conversion between the chosen currencies,

1. Press . Select **Office Tools**.
2. Select **Currency converter**.
3. Select one of the two first options.
   In our example: either **Dollar->Yen** or **Yen->Dollar**.
4. Enter the amount to be converted.
   Press # to insert a comma, if needed.
   Press **OK**. The converted amount will be displayed.
5. Press **Exit** or to return to the standby display.

☑ Conversion from one Euroland currency to another, or to non-Euroland currencies, should normally follow "triangulation" rules (i.e. conversion of local currency to Euro and then Euro to other local currency). Your Currency-converter does not provide this possibility. Accordingly, the result you obtain shall only be a close approximation.

Alarm clock

This feature enables the user to set a daily 'Reminder Alarm'.

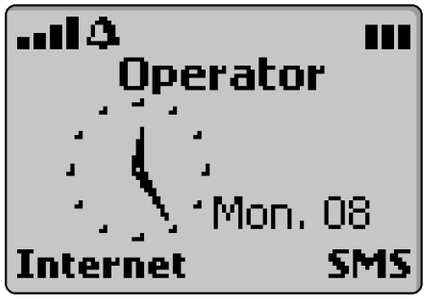
To set a time and turn on the alarm,

1. Press . Select **Office Tools**.
2. Select **Alarm clock** (If a previous alarm time has been entered this time will be displayed).

❸ Select **On** and enter the alarm time (in 24 hour format) or press **OK** ⦿ to accept the displayed time.
Confirmation will be displayed.

❹ Press **Exit** ⦿ or ✆ to return to the standby display.
🔔 will be displayed on top of the display.

☑ When 'on' the alarm will operate at the same time every day until turned off.



When the alarm time is reached an audible alert sounds for up to 1 minute and the LED will flash red. **Alarm clock** and a vibrating bell symbol will appear in the display together with the current time and the softkeys, **Valid.** ⦿ and **No ring** ⦿.
If the phone is off at the time of the alarm, the phone will automatically 'power on' and operate the audible and visual alerts described above.
To use as a Reminder or Snooze Alarm,

Press **No ring** ⦿, or any other key (except **Valid.** ⦿) to stop the alarm. The alarm icons remain in the display and the alarm will ring again 3 minutes later.
or
Press **Valid.** ⦿ to acknowledge and switch off the alarm.

If 'off' before the time of the alarm the phone remains 'on'. If the phone is locked or the PIN setting is on it remains in this locked condition until actioned by the user.
If the alarm is acknowledged but not validated the alarm indicators will remain in the display for up to 15 minutes after which time the phone will

either turn off, or, if 'on' at the time of the alarm, will revert back to the normal standby display.

☑ 1. Until acknowledged the alarm will ring for 1 minute. Pressing any key (other than the Valid softkey) will stop the alarm sounding but not switch off the alarm, it will be repeated 3 minutes later. If the Valid softkey is not pressed after the 3rd (and final) time the alarm rings it will not be repeated but the phone remains on, in the alarm display mode, for up to 15 minutes after which it will revert back to the state it was in before the alarm time was reached.

2. If the phone is in a transitory state (during power off for example) at the time of an alarm it will be delayed until after the transitory state has finished.
3. If the alarm time is reached during a call a special 'In Call' alert beep will sound and visual alerts will appear every 3 minutes. The alarm can be validated in the normal way.
4. If the alarm time is reached during an outgoing, or incoming call setup sequence, the alarm is suspended until the call is established and the mobile behaves as in 3 above.
5. If the battery is detached within 15 minutes of the alarm time the alarm will sound immediately. If later than 15 minutes only the visual indicators will be shown. Press the Valid softkey to validate and stop the alarm.

To turn off the alarm,

❶ Press ◯. Select **Office Tools**.
❷ Select **Alarm clock**.
❸ Select **Off**. Confirmation will be displayed.
❹ Press **Exit** ◉ or ◠ to return to the standby display.

Caution - Please remember to turn off the alarm feature when boarding an aircraft where the use of a mobile phone is not permitted and is illegal. Alternatively you can remove the battery after turning off the phone. See the General safety warnings in *First steps with your Sirius*.

Auto Switch On/Off

This feature enables the user to automatically program the phone to switch On or Off at pre-determined times.

To set a Switch On or Off time,

1. Press ⊙. Select **Office Tools**.
2. Select **Auto-switch**.
3. Select **Auto-switch-off** or **Auto-switch-on**.
4. Select **On** or **Off**.
   (If a previous time has been entered it will be displayed)
5. Enter a new time or accept the previous one. Press **OK** ⊙.
   Stored will briefly be displayed.
6. Press **Exit** ⊙ or ⌒ to return to the standby display.

At the switch-on time the phone comes on in the normal way. Enter the lock or PIN code if required.

If the phone is already on at the switch-on time no action occurs.

If the phone is set to switch-off, 1 minute before the switch-off time is reached, the display will show a warning message **Switch-off in** with a countdown timer showing the time to switch off. Pressing **Exit** ⊙ will cancel the switch off process.

If the mobile is already off at the switch-off time no action occurs.

☑ The Auto Switch-off and Switch-on times cannot be the same. If a call is connected at the time of switch-off, the switch-off process is postponed until the call is terminated.

Caution - Please remember to turn off the Switch-on alarm feature when boarding an aircraft where the use of mobile phones is not permitted and is illegal. Alternatively you can remove the battery after turning off the phone.
See the General safety warnings in *First Steps with your Sirius*.

Diary

This feature enables you to store up to 20 timed diary events to occur either once, daily or weekly. Entries can be of up to 28 characters of text in length, with or without a reminder alarm, set for the entry time or 15, 30 or 60 minutes before the time. Entries can be viewed individually or on a scrolling weekly basis.

To enter a diary event

1. Press ◔. Select **Diary**.
2. Select **New event**.
3. Select **Once**, **Daily** or **Weekly**.
4. Enter the date and press **OK** ●. Enter the time and press **OK** ●.
5. Enter the text and press **OK** ●.
6. Choose whether you wish to have a reminder alarm and press **Select** ●. (**Stored** will briefly be displayed)
7. Press **Exit** ● or ⌐ to return to the standby display.

☑ If set the reminder alarm will sound for 5 seconds, the red LED and backlight will come on and the diary entry will appear in the display.

Press **Exit** ● to acknowledge the alarm.
If the diary entry contains a telephone number, pressing ✆ acknowledges the alarm and initiates a call to that number.
If the alarm is not immediately acknowledged the diary entry will remain in the display and the reminder alarm will ring at intervals. After the third time the alarm will not sound again but the diary entry will remain in the display for up to 15 minutes or until acknowledged.
If the diary event occurs during a call the diary reminder alarm will be heard in the background. If the mobile is off at the time of the reminder alarm it will switch the mobile on. In both cases the alarm can be acknowledged and silenced in the normal way.

To view diary entries

1. Press ◯. Select **Diary**.
2. Select **View events**.
3. Entries will be shown in time and date order and include the time of the entry, whether an alarm has been set, the first part of the text and the number of the entry (maximum 20).
4. To read the complete text entry press **Options** and select **Read text**.
5. Use ◯ to scroll down the entries.
6. Press **Exit** or to return to the standby display.

To delete and/or edit entries

1. Press ◯. Select **Diary**.
2. Select **View events**.
3. Scroll to the diary entry you wish to delete or edit and press **Options**.
4. Select **Edit** or **Delete**.
5. Press **Exit** or to return to the standby display.

To delete old events

1. Press ◯. Select **Diary**.
2. Select **Delete old events**.
   All past entries will automatically be deleted.
3. Press **Exit** or to return to the standby display.

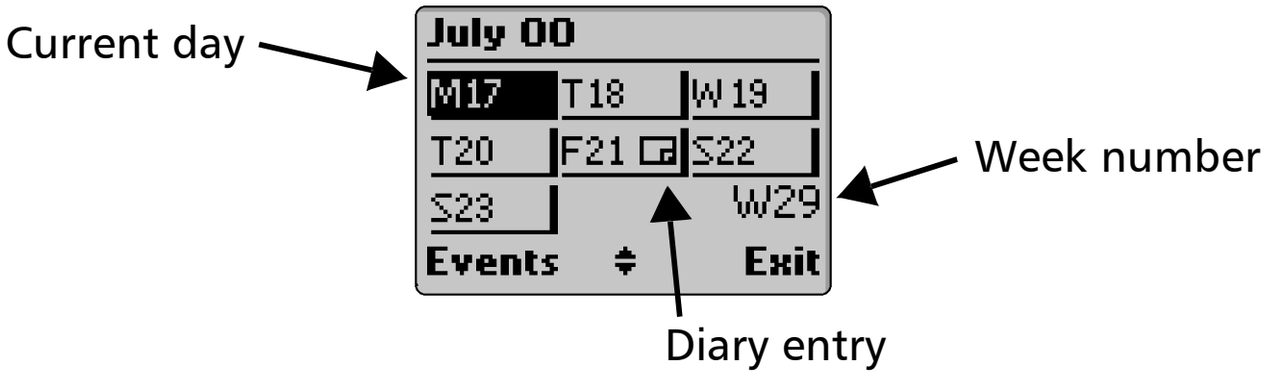
Using the Calendar

The calendar item in the diary menu can be used to:

- view entries on a weekly basis,
- enter new events,
- read, edit and delete events:

❶ Press ◯. Select **Diary**.
❷ Select **Calendar**.

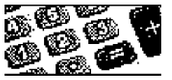
The current calendar week will be shown.



The current date will be highlighted. If any events have been scheduled for that week they will be shown in the display as ◳. To view an event directly press keys ① to ⑦ corresponding to the day of the week, i.e. press ① for Monday, ② for Tuesday etc.
To scroll forward or backwards on a weekly basis use ◯ or ◯. To view all the individual entries in chronological order press **Events** ◯ and use the scrolling keys to view the entries. Press **Options** ◯ to read, edit or delete an entry.
To select any one of the days to make a new entry for that week press and hold down the corresponding day of the week key, ① to ⑦. Follow the instructions as for entering a new diary even above.
Press **Exit** ◯ or ◯ to return to the standby display.

Caution - Please remember to remove the battery after having turned your phone off when boarding an aircraft where the use of mobile phones is not permitted and is illegal.
See the General safety warnings in *First Steps with your Sirius*.

Calculator



This feature enables you to make simple calculations using +(plus), - (minus), *(multiplication), /(division) and % (percentage) functions.

To use the calculator,

Press ⊙. Select **Calculator**.
The calculator icon (▭) and **0** will be shown in the display. The phone is now ready to make simple calculations.

Numbers are entered by pressing ① to ⑨. The **+**, **-**, ***** and **/** symbols are entered using the multitap ⑊ (for further details on the multitap text entry method please see *First Steps with your Sirius*). Decimal points and the **%** symbol are entered using the multitap #.

Press **Clear** ◉ during a calculation to correct an entry. Press **=** ◉ to obtain a result.

Example: 144 x 12 = 1728

Key sequence	Display
① ④ ④	**144**
⑊ ⑊ ⑊	*
① ②	**12**
= ◉	**1728**

Pressing **=** ◉ again after obtaining the first result will continue the calculation using the result and last operator (**+**, **-** ,***** ,**/**) symbol.

In the example, pressing **=** ◉ again will calculate, 1728 x 12 = 20736

Pressing **Clear** ◉ will erase the result.

Enter another calculation or press **Exit** ◉ or ◠ to return to the standby display.

☑ The % function can only be used (entered) as the last operator during a calculation.
For example 250 - 10% = 225

Calculations are kept if a call occurs during operation.

Games

The availability and appearance of the games described hereafter are dependent upon the services provided by your network operator.
There are two games in the phone, **Reshape** and **Push**.
The instructions to play each game is shown when the game selection is made.
The **Options** item in the menu enables you to select the sound effects - music, electronic sound effects or no sound.

To select a game,

1. Press ◁▷. Select **Games**.
2. Choose the game you wish to play and press **Select** ● or ◁▷.
3. Select **Help** for instructions on how to play the game and the controls to be used.
4. Select **Code** to enter and play the game at your skill level.
5. Select **Play** to start the game.

Reshape and **Push** have various skill levels. When each level has been successfully played within the allowed time you will play at the next level. After successfully playing 'X' amount of levels you will be given a code to enable you to re-enter the game at your previously attained skill level. Scores can also be recorded against the name of the player.
If a call is received whilst a game is being played the normal received call display will be shown and the call is answered in the normal way. When the call is finished the game will be resumed.
To exit from the games menu press **Exit** ● or press ✆ to return to the standby display.

Your Sirius and GPRS

Important precisions

GPRS services will not initially be available throughout the whole country. Get information from your operator to know if these services are available in your part of the country.
Certain subscriptions do not allow the use of GPRS services. Your operator will tell you if you can use these services within your subscription.
In the two afore-mentionned cases (area non-covered by GPRS or subscriptions that do not allow the use of GPRS services), your attempts to connect to GPRS will not be successful.

GPRS

The GPRS (General Packet Radio Service) is a technology concerning the exchange of data by packets, offering better performances than the GSM. The GPRS network is independent of the GSM network, but it uses the same infrastructures.
The applications which can benefit from GPRS advantages are:

- WAP™ application (working sessions using GPRS as bearer)
- PC applications (using your Sirius as a modem)

Access points

Exchanges between your Sirius and the GPRS network are achieved via GPRS access points, types of Internet portals which possess addresses such as those of URL.
If you wish to achieve WAP™ connections via GPRS, you must first define GPRS access points with their parameters (**alias**, **URL address**, **login** and **password**) in the Sirius access points database. This is available with your Sirius through the **GPRS access points** menu. After that, you must create WAP™ profile referring to these access points.
Concerning the use of PC applications, you must first create GPRS access points for

PC application using the IRASTRIUM software. After that, you must associate these access points to the specific GPRS oriented remote accesses defined on the PC by the IRASTRIUM software (The IRASTRIUM software can be found on the CD-ROM accompanying your Sirius).
Defined access points for use under WAP™ are accessible in the **GPRS access points** menu. Access points for use with PC are accessible and changeable via the IRASTRIUM application. Your Sirius must be connected to the COM port of your PC to this effect.
Please note that in all cases, the relative parameters to access points are always stocked in your Sirius mobile (and not on your PC).

GPRS settings on your Sirius

Access points allow access to WAP™ sites from the WAP™ navigator within your Sirius exclusively.
Firstly contact your operator to get the complete **URL address** for the access point, together with your **user name** and your **user password**. It is also possible that your Sirius is pre-programmed with access points data defined by your network operator. Generally, these access points are locked and even sometimes invisible.
To...
Create or modify a WAP™ access point: refer to page 65.
Associate an access point to a WAP™ profile: refer to pages 65 and 66.
Create/modify access points for PC application: refer to the IRASTRIUM user guide.
Associate remote access connections to access points: refer to the IRASTRIUM user guide.

Internet

The Sirius has an WAP™ browser allowing you access to services, such as News, Sports, Weather, TV Listings etc, supplied by your operator and/or by your internet provider via the internet.

The types of services offered will be dependent upon the internet provider of that service or your network operator.

To gain access to these services via your phone make sure you have a DATA subscription.

Also check with your network operator whether the connection settings have been pre-programmed into the phone prior to delivery or whether you have to manually enter and store the settings yourself.

In either case once the settings have been stored you can start using this feature as required and described below.

☑ Access to the connection settings may depend upon whether the settings have been pre-programmed into the phone prior to shipment from the factory. In some cases and to avoid errors these settings may be 'Locked' and not be user programmable.

Creating and editing GPRS access points for WAP™ connections

To create GPRS access point dedicated to WAP™ connections (only possible if GPRS services are available in your part of the country and within your subscription),

1. Press ⊙. Select **Internet**.
2. Select **GPRS access points**.
3. The access points list appears. Select an empty entry (**[...]**) and press **New** ⊙.
4. Enter the access point **Alias** and press **OK** ⊙.
5. Enter the access point **Full name** and press **OK** ⊙.

6. Enter the **Login name** for this access point and press **OK**.
7. Enter the **Login password** for this access point (each character will turn into a star (*) after a short while) and press **OK**. Confirmation of your entry will be briefly displayed.
8. Press **Exit** or to return to the standby display.

To modify GPRS access point dedicated to WAP™ connections.

1. Press . Select **Internet**.
2. Select **GPRS access points**.
3. The access points list appears. Select an entry and press **Options**/**Edit**.
4. Edit the **Alias**, the **Full name**, the **Login name** and/or the **Login password**. Confirm each entry by pressing **OK**. Confirmation of your entry will be briefly displayed.
5. Press **Exit** or to return to the standby display.

Storing/editing the connection settings (obtainable from your network operator)

Before proceeding and if you have not already done so please enter the current time and date as described on page 39.

The profile list can contain up to 5 profiles.

To enter and store the profile details,

1. Press . Select **Internet**.
2. Select **Profile list**.
3. Select an empty profile (**[...]**) and press **Options**.
4. Select **Edit**. Enter the 4 digit **lock code** (default code **0000**) and press **OK**.
5. Enter the **Proxy name** and press **OK**.

Select the connection mode (**Circuits**, **Packets** or **Circuits + packets**) and press **Select** ⊙.

- If you chose **Circuits**,

❻ Enter the **Phone number** and press **OK** ⊙.
Select the connection type (**Numeric** or **Analog**) and press **Select** ⊙.
Select the speed (**9600** or **14400**) - if required - and press **Select** ⊙.
Enter the **Login name** and press **OK** ⊙.
Enter the **Login password**. Each character will turn into a star (*) after a short while. Press **OK** ⊙.

- If you chose **Packets**,

❻ Choose a GPRS **Access point** and press **Select** ⊙.

- If you chose **Circuits + packets**,

❻ Choose a GPRS **Access point** and press **Select** ⊙.
Enter the **Phone number** and press **OK** ⊙.
Select the connection type (**Numeric** or **Analog**) and press **Select** ⊙.
Select the speed (**9600** or **14400**) - if required - and press **Select** ⊙.
Enter the **Login name** and press **OK** ⊙.
Enter the **Login password**. Each character will turn into a star (*) after a short while. Press **OK** ⊙.

❼ Enter the **IP address** and press **OK** ⊙.
Validate the **Normal port** and press **OK** ⊙.

Validate the **Secure port** and press **OK**.
Enter the **Home page** address and press **OK**.
Select the security setting (**On** or **Off**) and press **Select**.

8. To activate the required profile, use ▲ or ▼ to select it from the displayed list. Press ▶ to validate.
9. Press **Exit** or ↩ to return to the standby display.

☑ 1. You can also access the Internet menu directly by pressing the Internet softkey from the standby display (provided you haven't personalised the left softkey).
2. If the PPP access phone number, login names and password, Home page http address and IP address are not predefined, these are obtainable from your network operator and/or internet provider.
3. Selecting PPP Access or Proxy again will allow you to change and/or modify any of your settings.

Selecting a preferred bearer

When defining mixed (**Circuit+Packets**) based profiles, you have to select the first bearer to use when starting a connection.

To select a preferred bearer,

1. Press ▶. Select **Internet**.
2. Select **Preferred bearer**.
3. Select **Circuit** or **Packets**.
Packets selected or **Circuit selected** will be displayed.
4. Press **Exit** or ↩ to return to the standby display.

☑ This setting applies to all mixed profiles.

Personalising your connection settings

The following user settings are available enabling you to optimise the behaviour of your phone whilst connected to the internet.

1. Press ◯. Select **Internet**.
2. Select **Settings**.
3. Scroll to the following items and turn on or off as required:

Option	Action
Clear cache	During a live Internet session some of the information and services you have accessed have been 'stored' in an area of memory called the cache. To clear this memory, press and select the **Yes** option
Download pictures	Some of the internet pages may have pictures attached which will take time to download. Selecting the **Off** option will reject the pictures thereby speeding up the text downloading time
Scripting	Used to allow or forbid the execution of scripts within a page allowing entering data or computations to be performed when the page is loaded
Auto-disconnect	This feature disconnects the mobile from the internet after a set period of inactivity. Enter the period (0 - 60 minutes) and press **OK** ◉. **0** deactivates the auto-disconnect function
Preferred bearer	The bearer to use when connecting to the internet. The bearer can be **Circuit** or **Packet**

4. Press **Exit** ◉ or ◠ to return to the standby display.

☑ You can also access the Internet menu directly by pressing the Internet softkey from the standby display (provided you haven't personalised the left softkey).

Going online and onto the Net

To gain access to the online services offered by your network operator,

1. Press ▷. Select **Internet**.
2. Select **Home page**.
3. **Connecting to** followed by your proxy name will be displayed whilst access is taking place followed by the word **Loading...** (of the home page).

☑ You can also access the Internet menu directly by pressing the Internet softkey from the standby display (provided you haven't personalised the left softkey).

Once connected you will be presented with your internet or operator's choice of menu options. The icon at the bottom of the display indicates a 'live' connection. The icon will appear if your phone is connected to a GPRS network during the WAP™ session.

During card navigation, the security can be activated via the “Security on” (see page 66). This closes the current non secure session and allows continuing local navigation (via the cards in the cache). When a connection to the network is needed again, a secured connection will be requested to the same profile. This may not function properly, due to flush preceding connection parameters by the server. In this case, the navigation may have to be restarted from the beginning.

When the secured connection is established, the icon at the bottom of the display indicates a 'live' connection in secure mode. The icon will appear if your phone is connected to a GPRS network during the WAP™ session in secure mode.

Use △ / ▽ and/or the softkeys to move up and down the menu, to make selections as well as move backwards and forwards through the menu. Use the left and the right softkeys when selected topics in a menu are highlighted.

Use of whilst online

In the absence of **Options** whilst online pressing during a live connection will present an options menu as follows:

Item	Action
Back	Returns to the previous page or card
Zoom +/-	Increases or decreases the displayed text size
Add bookmark *	Adds a current card or page to the list of bookmarks
Go to bookmarks *	Goes to a previously stored bookmark
Reload	Reloads the current page
Home page	Reloads and returns to the home page
Other site	Allows you to go directly to a known URL after you have entered its address
Clear cache *	Clears the cache memory
Disconnect	Disconnects the browser from the network but leaves the current page locally active with the phone browser
Close session	Disconnects the phone from the internet

* The appearance of these items in the above options menu may be operator dependent and/or the settings in the **Settings** menu.

Ending the online connection

To end the internet connection,

Press .

☑ You can also select Close session item under the options menu.

Creating bookmarks

There may be some services that you wish to revisit or return to more frequently than others. These services (or pages) can be stored as *bookmarks*

which then provide direct access links into the internet. They can only be used if available on the current connection settings of your network operator and/or internet provider.
There are two ways to add up to 10 bookmarks:

- Directly from the standby display,

1. Press ◯. Select **Internet**.
2. Select **Bookmarks**.
3. Press **Options** ⊙, select **Modify** and enter the following:

Option	Action
Alias	Name you wish to give to your bookmark
Address	Home page address (if known)

4. Press **OK** ⊙ to validate each entry.
5. Press **Exit** ⊙ or ⌒ to return to the standby display.

☑ You can also access the Internet menu directly by pressing the Internet softkey from the standby display (provided you haven't personalised the left softkey).

- During a live connection whilst viewing a page,

1. Press ✆ to display the options menu.
2. Select **Add bookmark**, enter the **Alias** name and press **OK** ⊙.

☑ Bookmarks can only be Edited or Deleted from the Bookmarks item under the Internet menu options whilst offline.

Using bookmarks

Bookmarks can be used:

- directly from standby display,

1. Press ◯. Select **Internet**.
2. Select **Bookmarks**.
3. Select the bookmark name you require.

☑ You can also access the Internet menu directly by pressing the Internet softkey from the standby display (provided you haven't personalised the left softkey).

- whilst you are browsing the internet:

1. Press to display the options menu.
2. Select **Go to bookmarks**.
3. Select the bookmark name you require.

Other site

Use of this option within the **Internet** menu allows the user to enter a known internet address site and to go to this site directly from dial up. However unlike the Bookmark feature addresses are not stored and must be entered each time this feature is used.

Infrared port

The infrared port allows you to make data exchanges between your mobile and other devices (provided they have an infrared port).
To initiate a transfer via the infrared port, your mobile must be placed facing another infrared port before port opening starts.
Then the two ports can be opened and synchronised. After that the requested transfer can be performed. Objects (vCards e.g.) are transferred one by one.

Opening the infrared port

Opening the infrared port allows you to receive information via this port.
Once opened, the infrared port can be used for any kind of transfer. The infrared port is automatically disconnected after some time.
You have to open the infrared port if you wish to receive data via your infrared port or if you wish to transfer non-structured data via the infrared port (like fax or file transfer to the network for instance).

To open the infrared port,

1. Press ◯. Select **Infrared port**.
2. Select **Open**.
   Confirmation will be displayed. ⇄ will be displayed on top of the standby display.

When the infrared port is open, objects can be received. When an object is received, the idle screen is masked by the new object reception status.

Closing the infrared port

Closing the infrared port closes all infrared sessions (OBEX and IrCOMM sessions).

To close the infrared port,

1. Press ◯. Select **Infrared port**.
2. Select **Close**.
   Confirmation will be displayed.

Transfering a phonebook card via the infrared port

You can transfer phonebook cards via the infrared port:

1. Place your mobile opposite the other device infrared port.
2. Open the other device infrared port.
3. Display the card you wish to transfer as explained in section *Viewing and calling numbers in the phonebook*, page 9.
4. Press **Options** ◯. Select **Send by IrDA**.
   The infrared port will first be opened.
   The transfer will then be performed.
5. When the transfer is complete the phone returns to the phonebook card display.
6. Press **Exit** ◯ or ◯ to return to the standby display.

Appendix

Glossary

Expression	Meaning
AC/DC charger	Alternating Current/Direct Current charger
Active call	The call currently in conversation
ALS	Alternate Line (Line 2) Service
AoC	Advise of Charge - subscription service
CB	Cell Broadcast
CLA	Cigarette Lighter Adaptor
CLI	Caller Line Identity - displays callers telephone number
Conversation mode	When the phone is making or receiving a call
CSD	Circuit Switched Data
DES	Data Encryption standard
Diverting	Diverts incoming calls to the phone to another number
DTC	Desk Top Charger
DTMF	Dual Tone Multifrequency Tones
FDN	Fixed Dialling Number
GPRS	General Packet Radio Service
GSM	Global System for Mobile communications
HF	Handsfree Car Kit
http	HyperText Transfer Protocol
IN	Information Numbers of your operator or service provider
IP	Internet Protocol
LCD	Liquid Crystal Display

LED	Light Emitting Diode
MMI	Man machine Interface
PIN/PIN2	Personal Identification Number. Supplied by your network/service provider
PPP	Point to Point Protocol
PUK/PUK2	PIN Unblocking Key. Used to unlock PIN and PIN2. Supplied by your network/service provider
Roaming (Rm)	The ability to use your telephone on networks other than your home network at home or abroad.
SDN	Service Dialling Number. Of your operator or service provider
SIM	Subscriber Identity Module. Supplied by your network/service provider
SMS	Short Message Service
SPN	Service Provider Name
SR	Status Report - relates to SMS messages
Standby mode	When the phone is on, registered onto a network but not making or receiving a call
URL	Uniform Resource Locator
WAE	Wireless Application Environment
WAP™	Wireless Application Protocol
WDP	Wireless Datagram Protocol
WML	Wireless Mark-up Language
WMLS	Wireless Markup Language Script
WSP	Wireless Session Protocol
WTAI	Wireless Telephony Application Interface
WTP	Wireless Transport Protocol

Trouble shooting

Problem	Possible cause and solution
Phone will not switch on	Check that the battery is fully charged and correctly connected to the phone.
Charging LED not lit red and no flashing battery Icon	There may be no mains supply. Check mains supply. The AC/DC charger may be faulty. Return to your dealer and try substitution with another Mitsubishi adaptor. If faulty contact your dealer.
Short standby and talk times	Cell broadcast is permanently on, using more battery power. Phone is in a poor signal area and therefore always on full power. Incorrect charging and discharging. Always charge and discharge your battery fully. The battery is wearing out. Replace the battery
Calls cannot be made or received	Check that you have at least one signal strength bar (▂▃▄▅). Try in a stronger signal strength area. If the name of a network is not displayed, check your SIM is OK, check registration with your network/service provider. Call barring option is turned on. Turn it off (see page 48). Call cost limit is reached (see page 24).
Stored telephone numbers cannot be recalled	Fixed Dialled Number or Call Barring features are turned on. Check features and turn them off (see pages 11 and 48).
Numbers cannot be entered in the display	Keypad lock is on (🔒 is displayed). Press and hold ⊛ to turn off.

Phone switches on but there is no display	Display contrast is turned down too low. Reset contrast (see page 32).
Battery icon ▮▮▮ not flashing 1-2-3 during charging	Indicates a charging or battery problem. Turn off and disconnect the charger. Reconnect and try again. If the problem remains contact your dealer.
Flashing	There is not enough memory to store another SMS message. You must delete one or more of the existing stored messages (see page 14).
(.....) softkey	Function no longer available in the SIM or was subscription dependent. Reprogramm the softkey (see page 33).

Error messages

Problem	Possible cause and solution
Allowed credit reached!	You are trying to place an outgoing call and the allowed credit is already reached. The allowed credit limit is reached during an outgoing call (the call is then aborted).
Busy	You are trying to make a call and the call fails because the destination number is already engaged in conversation.
Call failed	The user is unreachable. The outgoing call fails due to: the network cannot take the call due to system busy or the number is out of order or the number is unreachable or the network does not answer or the option to hide your phone number when calling is not supported by the network Control the ability to hide your ID when making a call (service availability in network).

Cancelled. No type selected	Cell broadcast activation has been requested but no message type has been selected.
Cannot execute command	You have made a request which is impossible to be executed in the current call situation.
Can't display message	The short message text cannot be displayed (characters not recognised, incorrect format etc...)
Check SIM!	There is no SIM present or the SIM is incorrectly inserted. See *First Steps with your Sirius* for more details.
Check your password	You changed the call barring password or You changed the call barring service status. The entered password seems to be wrong or incorrect.
Check your request	You made a request for a service that seems to be impossible to fulfil.
Check your subscription	You tried to activate a GSM service. You are requested to check your subscription regarding the related service rights of use/access.
Error!	The network cannot perform your request and generates an error result.
Failed	An SMS sending process failed (the short message cannot be sent).
Incorrect entry	You entered a character string with a syntax error.
Invalid number	You tried to make a call and the call is rejected by the network because the network does not recognise the phone number structure or you tried to store a phone number that is too long to be stored in the selected location or you tried to move a phone entry to a location that is unable to receive the phone number (phone number too long)

Keypad locked Volume down to unlock	A press on any key is made with keypad locked.
Low battery!	This text is displayed when the battery becomes too low and the mobile will soon be switched off automatically.
Network busy	You tried to make a call. The call is rejected by the network due to congestion problems.
Network not allowed	When selecting network manual search, you have selected a network that rejects the connection.
New PIN incorrect. Try again	Changing PIN: the new PIN code values differ (value control).
New PIN2 incorrect. Try again	Changing PIN2: the new PIN2 code values differ (value control).
No action performed	When a copy/move operation is made on memories but no conditions have been changed (same memory, number and name).
No response	You made a call to a remote user and no response has been received.
Not allowed	Your number/character entry is not allowed.
Not allowed (fixed dialling)	A call is tried, but cancelled due to fixed dialling control (the number dialled does not match with one of the fixed dialling numbers in memory).
Not Available	There is no more SIM storage.
Number changed	The called number has changed.
PIN blocked	A wrong PIN code has been entered 3 times.
PIN2 blocked	A wrong PIN2 code has been entered 3 times.
PUK2 blocked	A wrong PUK2 code has been entered 10 times. The SIM services protected by the PIN2 code have now been permanently disabled.

Reaching allowed credit!	The cost limit is about to be reached. The connected call will end automatically when the limit is reached.
Ring volume Off	The ring volume is set to 0 (no volume).
Service not available	Activating some GSM services that are not available on the network
SIM blocked. Contact provider	A wrong PUK has been entered 10 times. The SIM card has been permanently disabled and needs to be replaced by a new one.
SIM blocked. Enter PUK:	A wrong PIN code has been entered 3 times. Enter the PUK code to unblock the SIM card.
SIM fixed full **SIM names full** **Phone names full**	The corresponding memory is full.
SMS memory locations are full	The storage of new messages (when writing a new SMS) is impossible.
Wrong code. Try again	A wrong phone lock code has been entered.
Wrong new code. Try again	The new phone lock codes do not match (value control).
Wrong PIN, try again **Wrong PIN2, try again** **Wrong PUK, try again** **Wrong PUK2, try again**	The wrong code has been entered.

Guarantee

Pan European Service

If you require service, then in the first instance, you should contact your supplier.
Should you experience any difficulty then please contact your nearest MITSUBISHI location listed below for information on other service centers.

UNITED KINGDOM Tel: (0800) 912 00 20	ESPAÑA Tel: (902) 11 68 58	BELGIUM Tel: (0800) 75733
FRANCE Tel: (0825) 86 82 83	ITALIA Tel: (800) 27 59 02	SWITZERLAND Tel: 032 843 65 11
DEUTSCHLAND Tel: (01803) 33 71 84	IRELAND Tel: (1800) 92 70 12	THE NETHERLANDS Tel: (0800) 0223825

To obtain Warranty Service, you will require your original equipment purchase invoice or irrefutable proof of purchase.
Please see warranty terms and conditions for in warranty service.

Pan-european GSM End-user Guarantee Conditions

1. You can benefit from this guarantee only if you are the original end-user purchaser.
2. MITSUBISHI guarantees that for a period of twelve (12) months from the date of purchase from your dealer, the Product shall be free from defects in materials and workmanship. Subject to the conditions below, Mitsubishi will indemnify you against all cost of parts and labour for repairs to or replacement of the product or parts (which may include equipment of similar type) where conducted by an authorised MITSUBISHI GSM service centre. MITSUBISHI shall be entitled to retain product which has been replaced.
3. Any claims must be made to an authorised MITSUBISHI GSM service centre in the countries mentioned in the service card enclosed with the product. In case of difficulty you can contact the Mitsubishi companies listed in the service card to obtain details of your nearest authorised MITSUBISHI GSM service centre. As a condition of this guarantee, the date of your purchase must be confirmed by producing your original invoice from your supplier or your sales receipt, showing the serial number, together with the service card. Final determination

of guarantee claim eligibility shall be made by MITSUBISHI. MITSUBISHI shall not be liable for shipment costs to and from an authorised GSM MITSUBISHI service centre ; the product travels at your risk.

4.This guarantee does not cover:

a)battery defects of any nature;

b)non-compliance with directions for use;

c)installation or removal charges where the product is installed in a vehicle;

d)defects or failures caused by accident, misuse, improper installation or improper repair by an unauthorized repairer, alteration or modification, neglect, failure to use for normal purpose, Acts of God, water ingress, use in adverse environmental conditions (humidity or temperature);

e)cost of or performance of modifications to product to adapt or adjust to conform to national or local safety laws, where such safety laws go beyond harmonised European Union standards;

f)loss of use of the product or consequential loss of any nature;

g)loss of use of air-time, loss of use of any loaned equipment or ancillary equipment;

h)provision of incorrect or insufficient signal on air-time network, upgrading of product software to changes in network operating parameters, mains supply voltage fluctuations, incorrect SIM card (memory card) parameters for connection to airtime retailer;

i)damage caused by non-MITSUBISHI accessories.

5.Any guarantee claim or service does not extend the original guarantee period unless so required by prevailing national law.

6.This guarantee is valid only if the product is purchased and used in the European Union, Norway, Iceland or Switzerland.

THIS GUARANTEE DOES NOT AFFECT YOUR STATUTORY RIGHTS.

DECLARATION OF COMPLIANCE

Name	: **Mitsubishi Electric Telecom Europe S.A.** **RCS Nanterre B 307 593 129**
Address	: **25, boulevard des Bouvets**
Town	: **Nanterre Cedex**
Postal code	: **92741**

Identification of the product

Nature	: **Mobile Cell Telephone**
Type	: **Dual band GSM 900/DCS 1800**
Sales reference	: **MT-550**
Other information	:

Identification of the notified organization

Name	: **Autorité de Régulation des Télécommunications (ART)**
Identification number	: **0165**
Procedure followed	: **Annex III of the directive 1999/5/CE**

Declares under its entire responsibility that the product described above complies with the following basic applicable requirements (and in particular those in the 1999/5/CE directive):

Article 3.1a: (health protection and user safety)
73/23/CEE, ES 59005

Article 3.1b: (protection requirements concerning electromagnetic compatibility)
89/336/CEE, ETS 300 342-1

Article 3.2: (proper use of the radio-electric spectrum so as to avoid damaging interference)
91/263/CEE, CTR/TBR 19, CTR/TBR 20, CTR/TBR 31, CTR/TBR 32

To this effect, declares that all the radio test series have been carried out.

29 March 2001,

Viet Mailam
Directeur Général

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